

## Declaration and Power of Attorney

My residence, post office address and citizenship are as stated below next to my name.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Kenneth M. Brown	(Reg. No. 37590)
Donald P. Dinella	(Reg. No. 39961)
Martin I. Finston	(Reg. No. 31613)
Barry H. Freedman	(Reg. No. 26166)
Julio A. Garceran	(Reg. No. 37138)
Jimmy Goo	(Reg. No. 36528)
Stephen M. Gurey	(Reg. No. 27336)
John M. Harman	(Reg. No. 38173)
Matthew J. Hodulik	(Reg. No. 36164)
Michael B. Johannesen	(Reg. No. 35557)
Irena Lager	(Reg. No. 39260)
John B. MacIntyre	(Reg. No. 41170)
Christopher N. Malvone	(Reg. No. 34866)
John F. McCabe	(Reg. No. 42854)
Michael A. Morra	(Reg. No. 28975)
Gregory J. Murgia	(Reg. No. 41209)
Claude R. Narcisse	(Reg. No. 38979)
Neil R. Ormos	(Reg. No. 35309)
Gregory C. Ranieri	(Reg. No. 29695)
Eugene J. Rosenthal	(Reg. No. 36658)
Ronald D. Slusky	(Reg. No. 26585)
Ozer M. N. Teitelbaum	(Reg. No. 36698)
Charles L. Warren	(Reg. No. 27407)

Please address all correspondence to the Docket Administrator (Rm. 3J-219), Lucent Technologies Inc., 101 Crawfords Corner Road, Holmdel, New Jersey 07733-3030. Telephone calls should be made to Jimmy Goo by dialing 973-386-6377.

Full name of 1st joint inventor: **Roger David Benning**

Inventor's signature Roger David Benning Date 7/27/2001

Residence: Long Valley, Morris County, New Jersey

Citizenship: United States of America

Post Office Address: 11 Stony Brook Road  
Long Valley, New Jersey, 07853



For value received, we, Roger David Benning, of Long Valley in the County of Morris and the State of New Jersey, and R. Michael Buehrer, of Morristown in the County of Morris and the State of New Jersey, and Robert Atmaram Soni, of Morris Plains in the County of Morris and the State of New Jersey, hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey, 07974-0636, U.S.A. and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **Biased Phase-Sweep Transmit Diversity** described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Lucent Technologies Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Lucent Technologies Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Lucent Technologies Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Lucent Technologies Inc. in the United States and in all countries foreign to the United States, or to such nominees as Lucent Technologies Inc. may designate.

We agree that, when requested, we shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Roger David Benning  
Roger David Benning

Date: 7/27/2009

United States of America )

State of *New Jersey* ) ss.:

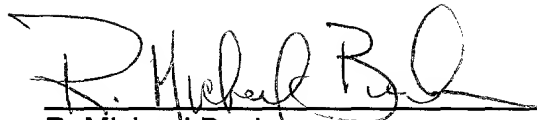
County of Morris )

On this 27<sup>th</sup> day of July, 2001, before me personally came, Roger David Benning to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Margaret Cardoso  
Notary Public

Notary Public

**MARGARET CARDOSO**  
**NOTARY PUBLIC OF NEW JERSEY**  
**My Commission Expires Dec. 02, 2003**

  
R. Michael Buehrer

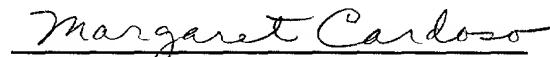
Date: July 27, 2001

United States of America )

State of New Jersey ) ss.:

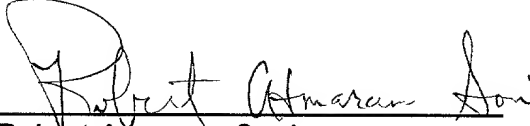
County of morris )

On this 27<sup>th</sup> day of July, 2001, before me personally came, R. Michael Buehrer to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

MARGARET CARDOSO  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires Dec. 02, 2003

400640-6637660

  
Robert Atmaram Soni

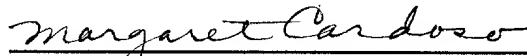
Date: 7/27/01

United States of America )

State of New Jersey ) ss.:

County of morris )

On this 27<sup>th</sup> day of July, 2001, before me personally came, Robert Atmaram Soni to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

MARGARET CARDOSO  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires Dec. 02, 2003

Lucent Technologies Inc.  
Docket Administrator (Room 3C-512)  
Lucent Technologies Inc.  
101 Crawford's Corner Road  
Holmdel, NJ 07733-3030

100E/00E5E8T660